

**SG-16907**

(544) M.Sc. Botany (Fourth Semester)  
Examination, June 2024

**Compulsory/Optional**

Paper - II

Plant Resource Utilization and  
Conservation

*Time : Three Hours ] [Maximum Marks : 80*

**Note :** Answer from both **sections** as directed. The figures in the right-hand margin indicate marks.

**Section-A**

1. Answer the following, very short answer type : 1×10=10
- (a) What are resin Producing plants?
- (b) Headquarter of IUCN is located in which place?

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**(Turn Over)**

**(2)**

- (c) Write Botanical Name & Family of any one Forrage plant?
- (d) What are Aromatic Plants? Give examples.
- (e) Write full form of NWFPs with examples.
- (f) What is Extinction?
- (g) What is full form of NBPGR?
- (h) Write Number of National Parks in Chattisgarh?
- (i) Cryo-preservation done in which Temperature?
- (j) Write full form of ICAR.
2. Answer the following short-answer type questions: 2×5=10
- (a) Write on Mangrove Plants?
- (b) Write name of any two hot spots located in India?

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**(Continued)**

(3)

- (c) What is Field gene bank?
- (d) Write on gum producing plants?
- (e) What are fiber producing plants?

**Section-B**

**Note :** Answer the following questions in detail. 15×4=60

3. What is Biodiversity? Write its concept, level, role & stability?

**OR**

Write notes on following :

- (a) Reason for loss of species?
  - (b) Terrestrial Biodiversity?
4. Discuss on Plants (5 plants in each category) as a source of fodder, oil & Medicine? <https://www.abvvonline.com>

**OR**

Write notes on following :

- (a) Vegetable Producing plants?
- (b) Aromatic Plants?

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(4)

5. Discuss on Timber yielding plants and non-wood Forest Products?

**OR**

Write notes on following :

- (a) Avenue Trees?
  - (b) Pollution control?
6. What is Conservation? Write its types, with examples & importance?

**OR**

Write notes on following :

- (a) Wetlands and its importance?
- (b) Botanical garden and its importance?

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